



an Open Access Journal by MDPI

Regenerative Materials

Guest Editors:

Dr. C. Edi Tanase

Research Associate, Cambridge Centre for Medical Materials, University of Cambridge, Department of Materials Science and Metallurgy, 27 Charles Babbage Rd, Cambridge CB3 0FS, UK

Prof. Dr. Michael Nerlich

Chair Department of Trauma Surgery, Orthopaedic Surgery, Sportsmedicine, FIFA-Medical Centre of Excellence, Regensburg University Medical Center, 93042 Regensburg, Germany

Dr. Arne Berner

Centrum für Muskuloskeletale Chirurgie, Charité-Universitätsmedizin Berlin, Campus Virchow Klinikum, Augustenburger Platz 1, D-13353 Berlin, Germany

Deadline for manuscript submissions: closed (20 December 2015)



mdpi.com/si/4853

Message from the Guest Editors

Dear Colleagues,

Regenerative Medicine is an extremely important area which has grown rapidly embracing the novel developments from engineering, life sciences, and clinical medicine. As such, regenerative medicine is an inherent field. The main focus of the "Regenerative Materials" Special Issue is to provide and comprehend important topics, such as tissue regeneration, cell biology, materials science, chemistry, and engineering, with respect to regenerative medicine. Therefore, novel developments in science and technology, with prospective application in regenerative medicine, will be addressed in this issue.

With immense pleasure, we invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome.

Dr. C. Edi Tanase Prof. Dr. Michael Nerlich Dr. Arne Berner *Guest Editors*







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials. materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. Materials provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Metallurgy & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi